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5 November 1998

THE COMMISSIONER OF PATENTS AND TRADEMARKS
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Sir:

Transmitted herewith for filing is:

Inventor: Harry W. Eberle, III

For: Anchoring Biscuit Device

Docket No.: HWE-105C - Continuation-in-Part of United States pending Patent Application Serial No. 08/811,898

Enclosed are:

(X) The patent application

(X) Copies of Prior Art References

(X) Small entity status declaration

(X) Information Disclosure Statement (included in specification)

(X) PTO 1449

( ) An Assignment of the invention to:

_____

(X) Associate Power of Attorney

( ) Certified Copy of a _____ Application

(X) 3 sheets of drawings

(X) Check No. 2055 in the amount of $395.00 to cover the filing fee.

(X) A certification of mailing by "Express Mail".

KPG:clp
Enclosures
cc: Harry W. Eberle, III
Express Mail No. EI706800476US

Kenneth P. Glynn

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ANCHORING BISCUIT DEVICE

Inventor: Harry W. Eberle, III

Attorney Docket No. HWE-105C

(This is a continuation-in-part of United States pending Patent Application Serial No. 08/811,898, filed on March 5, 1997, entitled, "Anchoring Biscuit Device for Joining Two Adjacent Boards", by the same inventor herein.)

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ANCHORING BISCUIT DEVICE
(Attorney Docket No.HWE-105C)

REFERENCE TO RELATED CASE

This is a continuation-in-part of U.S. pending patent application Serial No. 08/811,898, filed on March 5, 1997 entitled, "Anchoring Biscuit Device for Joining Two Adjacent Boards", by the same inventor herein.

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention is directed to an improved biscuit for joining adjacent boards. More specifically, the invention is an anchoring biscuit device, as well an anchoring half biscuit device which has the ability for pre-setting distances between adjacent boards and attaching to at least one board by means in addition to the

biscuit itself. The anchoring biscuit device physically joins two adjacent boards in the same plane to a third, supporting board. The anchoring half-biscuit device joins two adjacent boards at right angles to one another.

2. Information Disclosure Statement

The following patents are representative of the state of the art for wood joining devices, equipment and methods:

U.S. Patent No. 1,184,080 to D'Arcy describes a structure of the class described, the combination of frame pieces disposed at an angle to each other and plate-like corner irons having angularly disposed flanges, said corner irons being arranged in opposed pairs on the sides of and secured to the ends of meeting frame pieces

with their flanges engaging the inner edges thereof in overlapping telescoping relation to each other, the inner flanges having vertical nail slots therein and brads on their edges driven into the frame pieces, the outer flanges having nail perforations opposite the nail slots, there being nails disposed through the said perforations and slots and driven into the frame.

U.S Patent No. 2,332,081 to G.M. Hunt et al is directed to a wooden panel. It is described as a panel comprising wooden strips joined along their edges with glue, each strip having at least one groove in its edge matching groove in the edge of the adjoining strip, an asbestos millboard spline fitted in the matching grooves and bridging the joint between the strips,

crossbands covering the strips on both sides of the panel, and veneers covering the crossbands.

U.S. Patent No. 2,362,252 to Ellinwood describes a wall structure of the character described comprising a pair of adjacent wallboard panels having meeting edges, each of said panels being formed with a groove opening into its meeting edge, the groove in each panel providing an outer lip and an inner lip, said outer lips being in abutting relation, a joining strip permanently secured to the under surface of said outer lips, said inner lips being spaced, a T-shaped connecting member movably positioned in said groove and having a base in spaced relation to said inner lips, and means for anchoring said connecting member to a structural element.

U.S. Patent No. 2,398,603 to Soderberg describes a joining staple, comprising a metal body having at least two portions extending at right angles to each other and at least two teeth carried upon each of said portions, each of said teeth consisting of a flat substantially rectangular body having a cutting edge extending substantially parallel to its body portion, the cutting edges of all of said teeth being located in one plane, each of said portions having another cutting edge extending between the teeth of that portion, the second mentioned cutting edges being also located in one plane.

U.S. Patent No. 2,406,387 to Lank describes the method of constructing a plurality of wooden posts each of which has a connector element

incorporated therein adjacent each end thereof which method comprises forming a plurality of longitudinally extending grooves in one side of each of a pair of wooden blanks from which the posts are to be formed, forming a transverse groove adjacent each end of said side of each of said blanks with the transverse grooves intersecting the longitudinal grooves, providing a pair of connector retaining members with a plurality of seats for receiving connector elements, the number and spacing of said seats in each of said connector retaining members conforming to the number and spacing of the longitudinal grooves in each of said blanks, placing connector elements in each of said seats, positioning said blanks with their grooved sides

together and with said connector retaining members in said transverse grooves, bonding said blanks together, and severing the thus bonded assembly along longitudinal lines intermediate said longitudinal grooves.

U.S Patent No. 4,641,988 to Ganner is directed to a fitting for releasably joining two structural components. It is illustrated for releasably joining two structural components particularly plate-shaped structural components which extend at a right angle relative to one another, a fitting has a preferably cylindrical locking element which can be inserted either directly in a bore in the first structural component or it can be inserted indirectly in a housing, and a holding piece with a holding

projection anchored in the second structural component. In the assembled position, the holding projection & abuts against one or two gripping surfaces of the locking element which gripping surfaces are of, for example, eccentric shape, and the holding projection is pulled toward the locking element when the locking element is turned. The holding piece is constructed plate-shaped and is insertable in a slot in the second structural component.

U.S. Patent No. 4,682,458 to Sparrow describes a floor composed of parallel spaced beams having flanges and blocks of polystyrene foam which are laid on the flanges to bridge the gaps between the beams. Boards are laid on the polystyrene blocks, and are supported by the

blocks, which form load-bearing members of the floor. The blocks may have flanged portions extending over the beams, so as to provide heat insulation.

U.S Patent No. 5,004,027 to Legler et al illustrates a biscuit joiner. It is described as a biscuit joiner for cutting semi-elliptical slots in opposing edges of workpieces which are to be joined along those edges includes a housing adapted to be mounted upon the quill of a multi-purpose woodworking tool, which housing encloses a rotary saw blade adapted to be attached to a spindle projecting from the quill on which the housing is mounted. A spring loaded guide projects from the front face of the housing and has a slot therethrough, so that when the front

face of the guide is engaged by an edge of a workpiece to be slotted the guide can be pushed inwardly against spring pressure, allowing the rotary saw blade to be exposed and form a slot in the edge of the workpiece. Adjustable stops are provided on the guide so that a desired depth of cut will automatically be made after adjustment. An alternative construction of this biscuit joiner is especially adapted for use in conjunction with a conventional drill press, with the arbor which carries the saw blade being clamped in the chuck on the drive spindle of the drill motor.

U.S. Patent No. 5,182,891 to Slocum describes a flooring construction which is provided having a unitary construction with a top

layer providing a finished flooring surface and an insulation layer adjacent the top layer. The flooring panel includes an upper portion and a lower portion. The upper portion has a larger dimension than the lower portion and extends outwardly beyond the lower portion. A recessed portion between the upper portion and the lower portion defines a channel. A plurality of interlock support elements having a vertical web and an upper horizontal flange are arranged so that the horizontal flange extends into the channel. The vertical web extends below the lower portion to raise the flooring.

U.S. Patent No. 5,251,996 to Hiller et al describes a connecting element for connecting two parts generally in a connection plane has a first

portion for connecting the element relative to a first of the parts and second portion for connecting the element relative to the second part. The second portion includes actuation members which on relative movement of the parts substantially along the connection plane urge the parts forcefully towards each other.

U.S Patent No. 5,377,732 to Fujii et al illustrates a wood joining structure and method thereof. It is described as a technique is provided for joining wood members. A plurality of slits are formed on the end portions of wood pieces desired to be joined, and the end portions are abutted with corresponding slits in alignment to form a common surface. Each of the abutted wood end portions is fixed by temporary fixing

means to a desired joining state. Thereafter, an adhesive agent is applied into the interior surfaces of the slits. Connecting plates, e.g., made of a reinforced plastic material coated with the adhesive agent, are inserted into the aligned slits. The adhesive agent is then hardened.

U.S Patent No. 5,458,433 to Stastny explicates a biscuit and joint made using same. It is described as a biscuit having octagonal outer periphery is used to form a joint between first and second workpieces. The biscuit fits within arcuate slots formed in the workpieces, with glue placed in the slots and/or on the biscuit before the joint is put together. The biscuit is made of an anhydrous compressed wood.

U.S. Patent No. 5,480,117 to Fleming, III

describes a bracket for mounting a rotary lock member in the frame of a panel which is provided. The bracket is a preferably U-shaped body having a base and two legs extending therefrom. The inner dimension of the bracket is chosen to allow insertion of a rotary lock member therein. Panel engaging steps and protrusions are located on the outside surface of each leg for engaging the frame material. The legs of the bracket are biased inwardly towards one another, such that when a locking member is inserted therein, the legs are pressed outwardly, driving the protrusions into the frame material. A number of bores are located in the bracket to allow supplemental locking members to lock the bracket to the frame.

U.S Patent No. 5,529,428 to Bischof is directed to a metallic structural element for connecting workpieces consisting of wood, woodworking material or plastic. It is described as a metallic structural element for connecting workpieces consisting of wood, woodworking material or plastic, consisting of a lamellar part, which provides the non-positive connection with the first workpiece provided with a groove and a transverse hole, and a bolt-like part which, through screwing or pinning, realizes the non-positive connection with the second workpiece provided with a longitudinal hole. The lamellar part has, in the center, a hole which is at right angles to the plane of the lamella and is intended for fixing in the groove of the

workpiece. Variants having a wing-like long or rectangular short lamellar part and a bolt-like part in the form of a conical wood screw, cylindrical screw, screw having a metal thread, threaded sleeve or pin. Accessories: screwing tool and drilling template.

U.S. Patent No. 5,660,016 to Erwin et al describes an extruded plastic decking plank for mounting to an underlying support structure, the plank having a rigid foam core, a resilient outer plastic shell, and a clamping portion for securing the plank to the support structure. The top surface of the plank can be provided with a non-slip surface. The invention also includes an attachment system for securing such decking planks to a support structure by engaging the

clamping portions of the decking planks onto clamps or hold down blocks which are secured onto the support structure, and which permit relative motion between the planks and the structure in the planks' lengthwise direction to prevent stress and buckling caused by uneven expansion.

Notwithstanding the prior art, the present invention is neither taught nor rendered obvious thereby.

SUMMARY OF THE INVENTION

The present invention is an anchoring biscuit device for joining three boards. It includes, (a) a first substantially flat horizontal top element having a generally biscuit-shaped top view configuration, (b) at least one substantially vertical support member

attached to the underside of the top element and extending downwardly therefrom for a predetermined length for joinder of two adjacent boards which have been pre-cut with biscuit receiving slots, and, (c) an attachment orifice located at least on the top element for attachment of the anchoring biscuit device to a support board for anchoring and support of the two adjacent boards. In one preferred embodiment, a top bevel is included at the orifice to permit angled screwing at positions other than vertical positions. In other embodiments, the screw orifice will have an oval or elongated shape to likewise enable screwing at angles other than vertical. In yet another preferred embodiment, the orifice will both be

beveled and elongated.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention should be more fully understood when the specification herein is taken in conjunction with the drawings appended hereto wherein:

Figure 1 illustrates a top view of one preferred embodiment of the present invention anchoring biscuit device, Figure 2 illustrates a front view, and Figure 3 illustrates a side view thereof;

Figure 4 shows a side view of the present invention device shown in Figures 1 through 3 but being attached to a joist and a first deck board and about to be attached to a second deck board where both deck boards are supported by that

joist;

Figure 5 shows a front view of an alternative embodiment present invention anchoring biscuit device;

Figures 6 and 7 show top views of alternative present invention anchoring biscuit devices;

Figure 8 shows a partial side cut view of the device shown in Figure 7 to illustrate the beveled cut of the screw hole;

Figure 9 shows a side view of the present invention device shown in Figure 7, but being attached to a joist and a first deck board and about to be attached to a second deck board where both deck boards are supported by that joist; and,

Figure 10 and Figure 11 show front views of alternative embodiment present invention anchoring biscuit devices having single vertical extended members.

DETAILED DESCRIPTION OF THE PRESENT INVENTION

In Figure 1, there is shown a top view of present invention anchor biscuit device 1. Device 1 includes a top element 3 having a flat top surface as shown, and a top view shape of a biscuit. Thus, it includes walls 5 and 7 in the shape of arcs having predetermined radius and predetermined arc lengths. In this case, they are perfectly symmetrical and have flat endwalls 9 and 11. Without exceeding the scope of the present invention, these biscuit shapes could be slightly modified, such as having slightly non-

circular arcs or linear segments at angles approximating arcs.

Top element 3 also includes an attachment means, in this case, screw hole 13 located on center. This enables the user to nail or screw device 1 into a joist, as more fully described in conjunction with Figure 4 below.

Figures 2 and 3 show front and end (right side) views, respectively of device 1 shown in Figure 1. Thus, device 1 includes vertical support members 15 and 17 with a space therebetween to permit a screw or nail to pass through screw hole 13 into a joist or support board. Vertical support members 15 and 17 have a predetermined height so as to rest on a joist in such a way as to establish biscuit top element 3

at a predetermined height from the joist for attachment of two adjacent boards thereto which have pre-cut biscuit slots corresponding thereto.

Figure 4 shows present invention device 1 with identical parts identically numbered. Top element rear biscuit wall 5 is inserted into pre-cut biscuit slot 27 of horizontal beam 21, as shown. Screw 31 is inserted into screw hole 13 and into joist beam 25. This anchors device 1 to joist beam 25 and establishes the elevation of top element 3 so as to match with biscuit slot 27. Beam 23 will be placed atop joist 25 and adjacent to beam 21 by being slid into position with wall 7 fitting into slot 29 and the bottom of beam 23 resting on joist 25. By this method, device 1 attaches all three boards to one another

as the biscuit aspects are typically tight-fitting. Thus, for example, decking boards may be attached without the need for nails or screws entering the beams from the top.

Figure 5 shows an alternative embodiment present invention device 51 which has multiple screw holes 43, 53 and 55 located in a straight line on center of top element 47. It includes ends 41 and 49, and it has a plurality of vertical support members such as vertical support members 45 and 57, with spaces therebetween for screw or nail insertions. Device 51 is used in the same manner as device 1 described above with respect to Figure 4.

Figures 6 and 7 show top views of alternative embodiment present invention

anchoring biscuit devices 61 and 91 respectively. In Figure 6, there is shown a top view of present invention anchor biscuit device 61. Device 61 includes a top element 63 having a flat top surface as shown, and a top view shape of a biscuit. Thus, it includes walls 65 and 67 in the shape of arcs having predetermined radius and predetermined arc lengths. In this case, they are perfectly symmetrical and have flat endwalls 69 and 71. Top element 63 also includes an attachment means, in this case, screw hole 73 located on center. Screw hole 73 has a bevel cut 75 at its top. This enables the user to nail or screw device 61 into a joist with the screw or nail being installed vertically, or, more preferably, at an angle.

In Figure 7, there is shown a top view of present invention anchor biscuit device 91. Device 91 includes a top element 93 having a flat top surface as shown, and a top view shape of a biscuit. Thus, it includes walls 95 and 97 in the shape of arcs having predetermined radius and predetermined arc lengths. In this case, they are perfectly symmetrical and have flat endwalls 99 and 101. Top element 93 also includes an attachment means, screw hole 103 located on center. Note that screw hole 103 is elongated and has a beveled top 105. This enables the user to nail or screw device 91 into a joist, either vertically or at an angle, as more fully described in conjunction with Figure 8 below.

Figure 8 shows a partial side cut view of

device 91 of Figure 7 to illustrate the beveled cut 105 of screw hole 203.

Figure 9 shows present invention device 91 of Figure 7 and the boards shown in Figure 4, with identical parts identically numbered. Top element 93 at rear biscuit wall 95 is inserted into pre-cut biscuit slot 27 of horizontal beam 21, as shown. Screw 131 is inserted at about a 30° angle from vertical into beveled screw hole 103 and into horizontal beam 21 and joist beam 25. This anchors device 91 and horizontal beam 21 to joist beam 25 and support member 117 (and 115 not shown) maintains top element 93 in a horizontl position during screwing and to maintain its position with biscuit slot 27. Beam 23 will be placed atop

joist 25 and adjacent to beam 21 by being slid into position with wall 97 fitting into slot 29 and the bottom of beam 23 resting on joist 25. By this method, device 91 attaches all three boards to one another as the biscuit aspects are typically tight-fitting. The steps are repaeated along each joint beam in a deck and they are repeated for each next horizontal beam to assemble, e.g., a deck, platform, porch, etc.

Figure 10 shows a front view of device 141. Thus, device 141 includes a single vertical support member 145 with a space cut out 143 to permit a screw or nail to pass through beveled screw hole 153 and through support member 145 into a joist or support board. Vertical support member 145 has a predetermined height so as to

rest on the side of a beam into which device 141 may be inserted and, optionally, so as to rest on a joist in such a way as to establish biscuit top element 147 at a predetermined height from the joist for attachment of two adjacent boards thereto which have pre-cut biscuit slots corresponding thereto.

Figure 11 shows a front view present invention of device 161, which includes a single off-center vertical support member 165 with a space underneath beveled screw hole 163 to permit a screw or nail to pass through screw hole 163 into a beam and/or joist or support board. Top 167 has opposite ends 169 and 171 as shown, with support member 165 biased to the left toward end 169, as shown. Top 163 may have a topography

which would be the same as that shown in Figures 1, 6 or 7 above.

Obviously, numerous modifications and variations of the present invention are possible in light of the above teachings. It is therefore understood that within the scope of the appended claims, the invention may be practiced otherwise than as specifically described herein.

WHAT IS CLAIMED IS:

1. An anchoring biscuit device for joining three boards, which comprises:

(a) a first substantially flat horizontal top element having a generally biscuit-shaped top view configuration, said top element having an imaginary center line;

(b) at least one substantially vertical support member attached to the underside of said top element along said imaginary center line of said top element and extending downwardly therefrom for a predetermined length to maintain said top element in a predetermined position during use for joinder of two adjacent boards which have been pre-cut with biscuit receiving slots; and,

(c) at least one attachment orifice located at least on said top element for attachment of said anchoring biscuit device to a support board for anchoring and support of said two adjacent boards.

2. The anchoring biscuit device of claim 1 wherein said attachment orifice is at least one screwhole located on said top element for screwing of said anchoring biscuit device to a support board.

3. The anchoring biscuit device of claim 2 wherein there is at least one screwhole located substantially in the center of said top element and there are two vertical support members attached to said top element, said two vertical

support members being substantially flat, being in the same plane and one of each being located on opposite sides of said at least one screwhole.

4. The anchoring biscuit device of claim 1 wherein there one vertical extended member extending downwardly from said vertical support member, said vertical extended member containing at least one cut out for securing said device to a support board.

5. The anchoring biscuit device of claim 1 wherein said attachment orifice has a bevelled top.

6. The anchoring biscuit device of claim 1 wherein said attachment orifice is non-circular

and elongated.

7. The anchoring biscuit device of claim 5 wherein said attachment orifice is non-circular and elongated.

8. The anchoring biscuit device of claim 1 wherein said top element and said vertical support member are uni-structurally formed.

9. The anchoring biscuit device of claim 1 wherein there are two vertical support members, they are located opposite one another, and one is located on each side of said attachment orifice.

10. The anchoring biscuit device of claim 9 wherein said top element and said two vertical support members are all uni-structurally formed.

11. The anchoring biscuit device of claim 9 wherein said attachment orifice has a bevelled top.

12. The anchoring biscuit device of claim 9 wherein said attachment orifice is non-circular and elongated.

13. The anchoring biscuit device of claim 12 wherein said attachment orifice is non-circular and elongated.

14. The anchoring biscuit device of claim 1 wherein there is a single vertical support member and it is located offcenter and to one side of said attachment orifice.

15. The anchoring biscuit device of claim 14

wherein said attachment orifice has a bevelled top.

16. The anchoring biscuit device of claim 14 wherein said attachment orifice is non-circular and elongated.

17. The anchoring biscuit device of claim 15 wherein said attachment orifice is non-circular and elongated.

ABSTRACT OF THE DISCLOSURE

The present invention is an anchoring biscuit device for joining three boards. It includes, (a) a first substantially flat horizontal top element having a generally biscuit-shaped configuration, (b) at least one substantially vertical support member attached to the underside of the top element and extending downwardly therefrom for a predetermined length for joinder of two adjacent boards which have been pre-cut with biscuit receiving slots, and, (c) an attachment orifice located at least on the top element for attachment of the anchoring biscuit device to a support board for anchoring and support of the two adjacent boards. In one preferred embodiment, a top bevel is included at the orifice to permit angled screwing at positions other than vertical positions. In other embodiments, the screw orifice will have an oval or elongated shape to likewise enable screwing at angles other than vertical. In yet another preferred embodiment, the orifice will both be beveled and elongated.

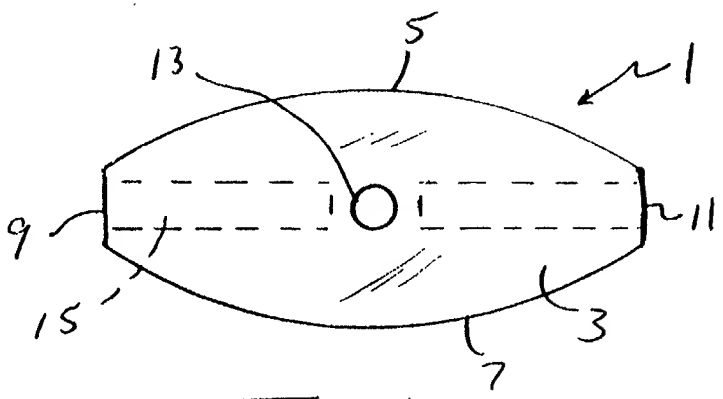


Figure 1

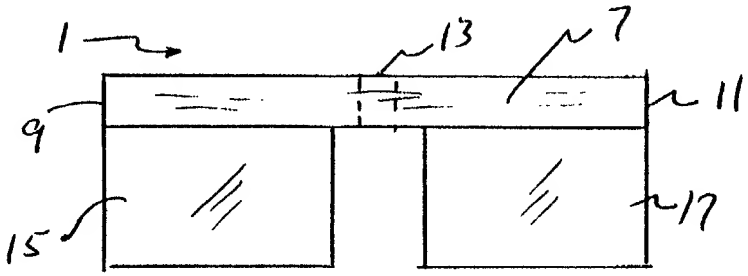


Figure 2

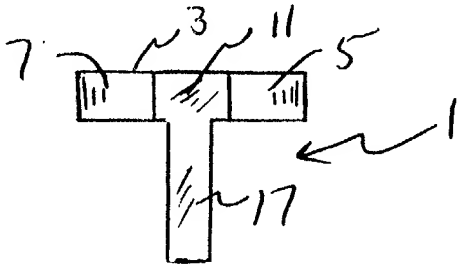


Figure 3

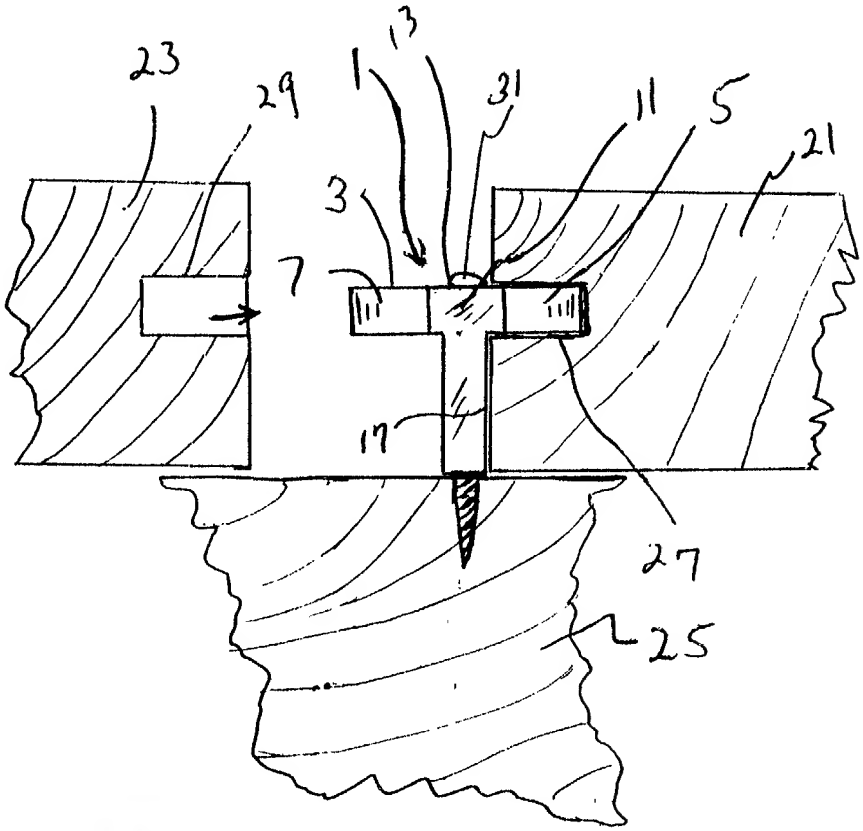


Figure 4

HWE-105C

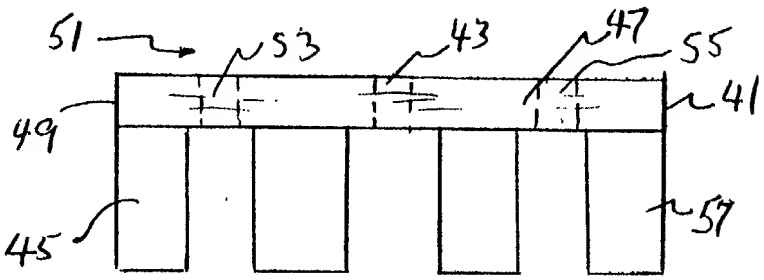


Figure 5

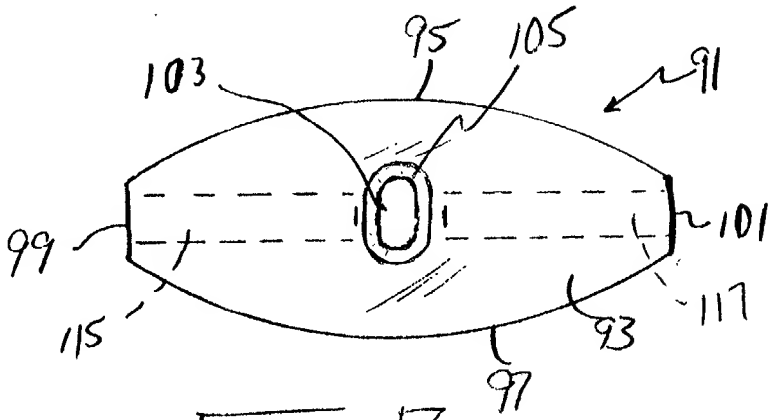


Figure 7

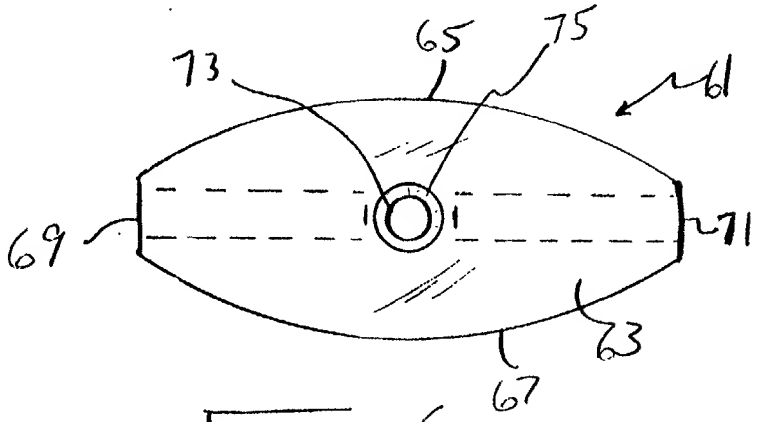


Figure 6

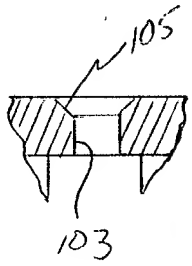


Figure 8

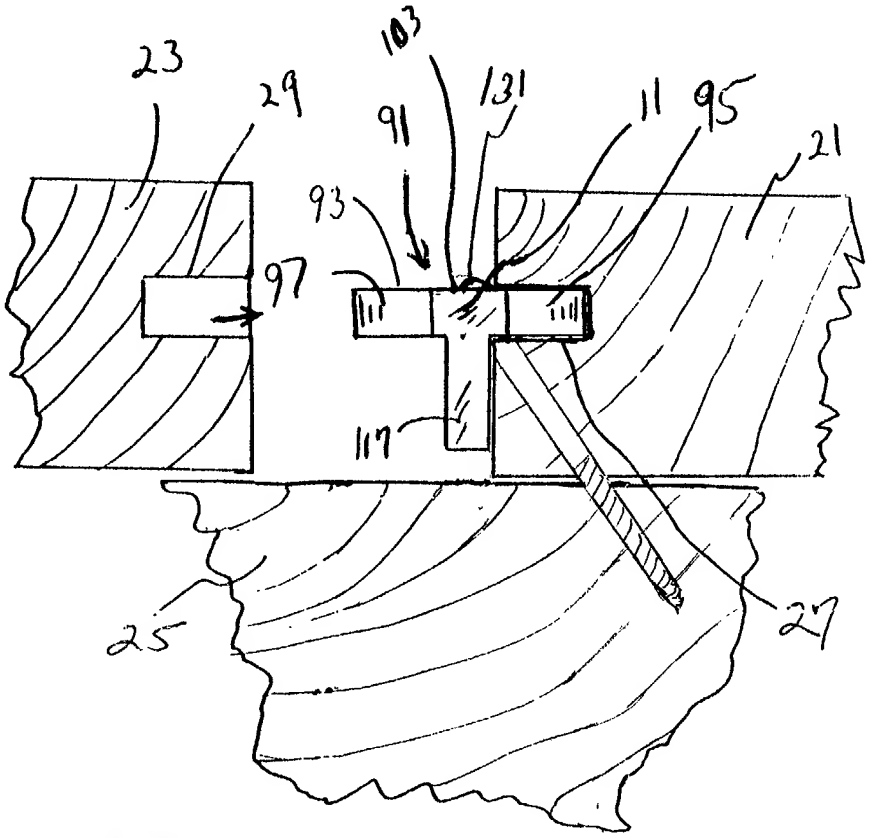


Figure 9

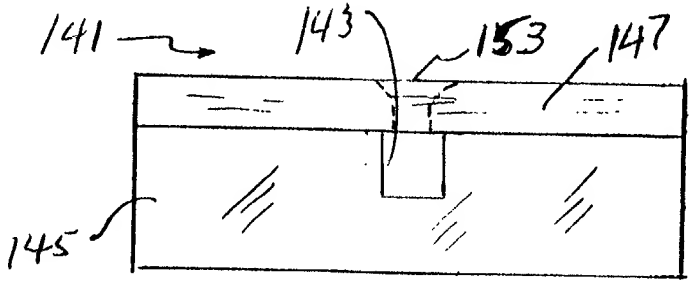


Figure 10

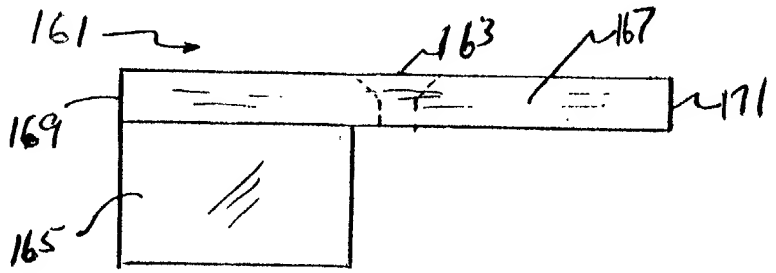


Figure 11

Appendix E

Applicant or Patentee: Harry W. Eberle, III
Attorney's Docket No.: HWE-105C
Serial No. or Patent No.:
Filed or Issued:
For: Anchoring Biscuit Device

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9 (f) and 1.27 (b)) - INDEPENDENT INVENTOR

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9 (c) for purpose of paying reduced fees under section 41 (a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled Anchoring Biscuit Device

which is a ( ) continuation, (X) continuation-in-part of U.S. Patent Application Serial No. 08/811,898, filed on March 5, 1997, and entitled Anchoring Biscuit Device For Joining Two

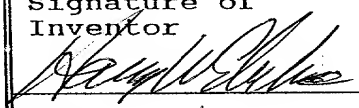
Adjacent Boards

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9 (c) if that person had made the invention, or to any concern under 37 CFR 1.9 (d) or a non-profit organization under 37 CFR 1.9 (e).

I have not assigned, granted, conveyed or licensed nor am I under any obligation under contract or law to assign, grant, convey or license any rights in this invention to any person, concern or organization which would not qualify as a small business concern under 37 CFR 1.9 (d) or a non-profit organization under 37 CFR 1.9 (e).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28 (b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Inventor Harry W. Eberle, III	Name of Inventor	Name of Inventor
Signature of Inventor 	Signature of Inventor	Signature of Inventor
Date 10/29/98	Date	Date

COMBINED DECLARATION AND POWER OF ATTORNEY FOR CONTINUATION-IN-PART APPLICATION

Attorney Docket No.: HWE-105C

As a below named inventor, I hereby declare: that my citizenship and current address are as shown below; that I have read and understand the attached specification, including the claims; that I believe I am the original, first, and sole inventor (if only my name is listed below) or a joint inventor (if other inventors are named below) of the invention entitled: Anchoring Biscuit Device

the specification of which is attached hereto; that I have reviewed and understand the contents of the attached specification, including the claims; that this application in part discloses and claims subject matter disclosed in my or our earlier filed pending application, Serial No 08/811,898,

filed March 5, 1997 and entitled

Anchoring Biscuit Device For Joining Two Adjacent Boards

that, as to the subject matter of this application which is common to said earlier application, I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the filing date of said earlier application, that the same was not in public use or on sale in the United States of America more than one year prior to the filing date of said earlier of said earlier application, that said common subject matter has not been patented or made the subject of an inventor's certificate issued before the filing date of said earlier application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to the filing date of said earlier application; that I acknowledge my duty to disclose information which is material to the examination of said common subject matter in this application in accordance with Title 37, Code of Federal Regulations 1.56(a); and that no application for patent or inventor's certificate on said common subject matter has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows:

FOREIGN APPLICATIONS FILED WITHIN 12 MONTHS PRIOR TO THE FILING OF THIS APPLICATION: Anchoring Biscuit Device For Joining Two Adjacent Boards, Serial No. 08/811,898; filed in Canada on March 3, 1998 (HWE-103FC); filed in Europe on March 5, 1998 (HWE-103FE); and filed in Australia on March 9, 1998 (HWE-103FA).

FOREIGN APPLICATIONS FILED MORE THAN 12 MONTHS PRIOR TO THE FILING OF THIS APPLICATION:

None

I hereby appoint the following attorney and/or agent to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth P. Glynn, Esq., Reg. No. 26,893

Address all telephone calls to: KENNETH P. GLYNN at telephone no. (908) 788-0077; fax no. (908) 788-3999.

Address all correspondence to KENNETH P. GLYNN, ESQ., Suite 201 (Plaza One), One Rte. 12 West, Flemington, New Jersey 08822

ATTORNEY DOCKET NO. HWE-105C

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
Harry W. Eberle, III	Harry W Eberle III	10/29/98

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FULL NAME OF SECOND JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE

RESIDENCE

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